ABSTRACT OF THE DISCLOSURE

Techniques for dynamic personalized reading instruction at word and sentence level are provided by determining word recognition level and learning gradient information for a user. Comprehension aids are associated with words classified by word recognition level and stored. Word recognition errors are determined comprehension aids presented and word recognition level adjusted based on determined word recognition errors, learning gradient and current word recognition level. For sentence level dynamic personalized reading instruction personalization information, reading level and learning gradient are determined and a personalized grammatical tunable text summary generated. Based on the personalized grammatical tunable text summary, comprehension questions are generated and displayed. Based on comprehension responses, learning gradient and personalization information, the reading level is adjusted. Personalized reading instruction is provided by selectively changing display attributes of more salient information to help a user identify the important information in the sentence and to maintain fluid reading.